

CLAIMS

What is claimed is:

1. A flashlight, comprising:
a plurality of light sources for providing a beam of light;
a housing for directing the beam of light;
an integrated circuit for controlling illumination of the plurality of light
5 sources; and
a switch for providing an input signal to the integrated circuit.
2. A flashlight according to claim 1, wherein the light sources have
different levels of power consumption.
3. A flashlight according to claim 1, wherein the plurality of light
sources includes at least one light-emitting diode (LED) and at least one
incandescent lamp.
4. A flashlight according to claim 1, wherein the switch is a pushbutton
switch.
5. A flashlight according to claim 1, wherein the integrated circuit is a
multi-state electronic device that changes state when the signal is input from the
switch, and wherein different states of the integrated circuit cause different
combinations of the light sources to become illuminated.
6. A flashlight according to claim 1, wherein the integrated circuit
cycles through a fixed number of states, one state each time the signal is
received from the switch.
7. A flashlight according to claim 1, wherein the integrated circuit is a
counter.

8. A flashlight according to claim 1, wherein at least one of the light sources is covered by a lens that does not cover at least one other of the light sources.

9. A flashlight according to claim 1, wherein the light sources include plural light-emitting diodes (LEDs) and an incandescent bulb, and wherein a lens covers all of the LEDs only.

10. A flashlight according to claim 1, wherein the switch is a three-position rocker switch.

11. A flashlight, comprising:
a flashlight body that is hand-sized;
plural light sources disposed within the flashlight body;
a switch disposed on the flashlight body; and
5 a multi-state electronic device that has plural states and is electrically coupled to the switch and to the plural light sources,
wherein the flashlight body is configured to direct light from the plural light sources,
wherein each activation of the switch causes the multi-state electronic
10 device to advance to a next one of the plural states, and
wherein each of the plural states causes a different combination of the light sources to illuminate.

12. A flashlight according to claim 11, wherein the multi-state electronic device is a counter having an output corresponding to each state.

13. A flashlight according to claim 11, wherein repeated activations of the switch cause the multi-state electronic device to cycle through the plural states.

14. A flashlight according to claim 11, wherein at least some of the light sources have different brightnesses.

15. A flashlight according to claim 11, wherein the light sources comprise an incandescent lamp and a light-emitting diode.

16. A flashlight according to claim 11, wherein at least one of the light sources is covered by a lens that does not cover at least one other of the light sources.

17. A flashlight according to claim 11, wherein the flashlight body is configured to direct light from the plural light sources in a single direction.

18. A flashlight according to claim 11, wherein the switch is a pushbutton.

19. A flashlight according to claim 11, wherein the switch is a three-position rocker switch.

20. A flashlight according to claim 19, wherein depressing the switch to one side causes a characteristic of a resulting light beam to change in one direction and depressing the switch to an other side causes the characteristic of the resulting light beam to change in an opposite direction.